I claim:

1. A solid chemical dissolver comprising

at least one bowl for receiving and holding at least one container of solid chemical and for channeling a liquid solution containing the chemical to a reservoir as the solid chemical in the container is dissolved in a liquid spray,

a spray nozzle for fluid under pressure aimed at the solid chemical in the container to dissolve a portion of the chemical in the spray and form a solution containing the chemical in the bowl,

a reservoir for the dissolved solid chemical solution,

a drain member leading out of the reservoir for withdrawing the dissolved chemical solution from the reservoir, and

a fluid level detection switch assembly disposed in the reservoir controlling the amount of fluid from the nozzle and the level of dissolved chemical solution in the reservoir.

2. The dissolver of claim 1 in which the fluid level detection switch assembly includes a float switch connected to a fluid inlet valve for closing the valve when the fluid level in the reservoir activates the switch.

3. The dissolver of claim 1 in which the fluid level detection switch assembly includes a float switch connected to a fluid inlet valve for opening the valve when the fluid level in the reservoir activates the switch.

4. The dissolver of claim 1 in which the fluid level detection switch assembly includes

a first switch element for closing a first fluid inlet valve when the fluid level in the reservoir activates the first switch element,

a second switch element for opening the first fluid inlet valve when the fluid level in the reservoir activates the second switch element, and

a third switch element connected to a second fluid inlet valve intermediate the first fluid inlet valve and the reservoir for closing the second fluid inlet valve and blocking fluid from entering the reservoir whenever the fluid level in the reservoir activates the third switch element.

5. The dissolver of claim 2 in which the fluid inlet valve is mounted in a fluid supply pipe adjacent to the reservoir.

6. The dissolver of claim 4 which includes a fluid supply pipe adjacent to the reservoir and the first and second fluid inlet valves are disposed in the fluid supply pipe.

7. The dissolver of claim 4 which includes a signal element connected to the third switch element to display closure of the second fluid inlet valve.

8. The dissolver of claim 1 which includes a frame on which the bowl and the reservoir are mounted.

9. The dissolver of claim 8 which includes first and second valve elements in a fluid supply pipe disposed on the frame.

10. The dissolver of claim 1 which includes at least one bowl in which a plurality of solid chemical containers are held.

11. The dissolver of claim 1 which includes a drain member leading from the bowl to the reservoir to conduct the dissolved chemical solution from the bowl to the reservoir.

12. The dissolver of claim 1 in which the bowl and the reservoir are combined in a common canister

13. The dissolver of claim 12 which includes a fluid inlet valve incorporated in a fluid supply pipe disposed on a wall of the canister.

14. The dissolver of claim 13 which includes a switch element connected to a second fluid inlet valve incorporated in the fluid supply pipe, the second valve being moveable to a closed position in the supply pipe to block fluid from entering the reservoir from the pipe whenever the fluid level in the reservoir activates the switch element.

15. The dissolver of claim 12 which includes an alarm switch having an activating arm in the canister adjacent the solid chemical container, the arm being moveable to activate the alarm switch whenever the chemical container is buoyed against the arm inside the canister.